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Village of Merrilan
101 S Main – PO Box 70
Merrilan, WI 54754

PUBLIC SERVICE

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January 24, 2003

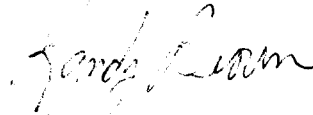
Mr. Jim Loock, Chief Electric Engineer
Public Service Commission
610 N. Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

RE: In the Matter of Filing Reporting Requirements for Appropriate Inspection and
Maintenance, PSC Rule 113.0607(6)

Dear Mr. Loock:

Enclosed for filing are 3 copies of Merrilan Municipal Electric and Water Utility's report
to the commission, submitted every two years, showing compliance with its Preventative
Maintenance Plan.

Very truly yours,



Randy Brown
Superintendent

Enclosures

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Electric Division

**TWO YEAR REPORT DOCUMENTING
COMPLIANCE WITH THE
PREVENTATIVE MAINTENANCE PLAN
VILLAGE OF MERRILLAN**

January 24, 2003

Randy Brown

101 S Main Street

Merrillan, WI 54754

715-333-2332

merrillan@centurytel.net

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Electric Division

Narrative:

The Village of Merrilan has two (2) main distribution lines that serve 350 customers, The South line section and North line section.

The South line section serves the uptown and west side area of the village as well as the southern portion of the Lower Lake area. The North line section serves the north and east area of the village and the north side of the Lower Lake area.

These lines are all located on the roadside and are inspected monthly for impeding tree limbs, bad crossarms, broken insulators, leaky transformers and any other possible problems.

I Reporting Requirements: PSC 113.0607(6) states;

Each utility shall provide a periodic report to the commission showing compliance with its Preventative Maintenance Plan. The report shall include a list of inspected circuits and facilities, the condition of facilities according to established rating criteria, schedules established and success at meeting the established schedules.

II Inspection Schedule and Methods:

SCHEDULE:	MONTHLY	ANNUAL	EVERY 5 YEARS
Distribution (OH)	0		X

METHODS: Five criteria groups will be used to complete the inspection of all facilities.

1. IR – infrared thermography used to find poor electrical connections and/or oil flow problems in equipment.
2. RFI - Radio Frequency Interference, a byproduct of loose hardware and connections, is checked using an AM radio receiver.
3. SI – structural integrity of all supporting hardware including poles, crossarms, insulators, structures, bases, foundations, buildings, etc.
4. Clearance – refers to proper spacing of conductors from other objects, trees and conductors.
5. EC – equipment condition on non-structural components such as circuit breakers, transformers, regulators, reclosers, relays, batteries, capacitors, etc.

The entire system will be inspected every 5 years. Inspector instructions for inspecting all facilities and forms are included in the plan.

III Condition Rating Criteria

This criterion, as listed below, establishes the condition of a facility and determines the repair schedule to correct deficiencies.

- 0) Good condition
- 1) Good condition but aging
- 2) Non-critical maintenance required – normally repair within 12 months
- 3) Priority maintenance required – normally repair within 90 days
- 4) Urgent maintenance required – report immediately to the utility and repair normally within 1 week

IV Corrective Action Schedule

The rating criteria as listed above determine the corrective action schedule.

V Record Keeping

All inspection forms and records will be retained for a minimum of 10 years. The inspection form contains all of the required critical information i.e. inspection dates, condition rating, schedule for repair and date of repair completion.

VI Reporting Requirements

A report and summary of this plan's progress will be submitted every two years.

VII Inspected Circuits and Facilities – N/A

The Village of Merrilan does not have any substations, however we have an 800 KW generator that is tested monthly.

VIII Scheduling Goals Established and Success of Meeting the Criteria:

Our utilities goal is to inspect and repair any distribution line problem as soon as it is detected. All lines being inspected monthly makes it possible to do this.

IX Facility condition – rating criteria:

The overall condition of the Merrilan Utility is good. We have replaced many poles, power lines and transformers in the past five (5) years.

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MEUW - Preventative Maintenance Plan Format